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Chemical Name: r	el-(6R)-6-Et	Synor	nyms	AID 0 1/ 0 5 4 4 4 4		
[2,1-b:3,4-c']difuran-8(6H)-one				-	AIDS# 354411	
CH ₃				concentricolide	Links to ChemID Plus by CAS#	
**************************************	ucture to MarvinSketo Structure Search			Links to PubChem by AIDS#		
ISOLATED FROM Daldinia concentrica				·	<u>354411</u>	
C12 H10 O3		MW: 202.21			Links to	
H-bond donors: 0	H-bond acceptors:	PHIA (Flexible Bonds): 1.78	Calc. LogP (MDL QSAR): 2.92		PubMed by CAS#	
Company:		Calc. LogP (KowWin): 2.17				
Anti-HIV Cellular data	Anti-HIV Enzyme data: 0	Anti-Ol data: 0	TB Min MIC	TB Min IC50	Links to NIST by AIDS#	
HIV Cellular Lit. Refs Number of References: 1	Number of References: 0	Number of References: 0	Lipins (Score, out	of 4)		
Classes: BENZOFURANS; LACTONES; NATURAL PRODUCTS, MICROBIAL						

Anti-HIV Cellular Data Summary

HIV	John Bata C		.a. y		l	···		REL		ALL
STRAIN TYPE	CELL TYPE	EC50	IC50	TI	UNIT	TARGET	MUTATION	RESISTANCE FOLD INCREASE	LIT. REF.#	
KIIIR)				248	ug/mL				14561	View
HIV-1 (IIIB)	H9(GP120+)/C8166 (CD4+)	0.83			ug/mL				<u>14561</u>	<u>View</u>

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Chemical Name: rel-(6F [2,1-b:3,4-c']difuran-8(6F	AIDS# 354411			
	Synonyms Concentricolide			
ISOLATED FROM Daldii	nia concentrica			
C12 H10 O3	MW: 202.21	CAS#		
Company:		Calc. Log P: 2.17		
Classes: BENZOFURANS; LACTONES; NATURAL PRODUCTS, MICROBIAL				

AIDS#	354411 (CLICK TO GO BACK)		
HIV Strain :	HIV-1(IIIB)		
Cell Type :	C8166		
EC50:	0.31 ug/mL		
IC50:	76.6 ug/mL		
TI:	248		
Anti-Viral Assay :	SYNCYTIUM FORMTTMATION		
Anti-Viral Assay Toxicity:	MTT		
Activity Rating:	ACTIVE		
QIN, X-D; DONG, Z-J; LIU, J-K; YANG WANG, R-R; ZHENG, Y-T; LU, Y; WU ZHENG, Q-T, HELV CHIM ACTA 89(1) 133(2006).			

AIDS#	354411 (CLICK TO GO BACK)	
HIV Strain :	HIV-1(IIIB)	
Cell Type :	H9(GP120+)/C8166(CD4+)	
EC50:	0.83 ug/mL	
Anti-Viral Assay:	SYNCYTIUM FORMTTMATION	
Activity Rating:	ACTIVE	

QIN, X-D; DONG, Z-J; LIU, J-K; YANG, L-M; WANG, R-R; ZHENG, Y-T; LU, Y; WU, Y-S; ZHENG, Q-T, HELV CHIM ACTA **89(1)**:127-133(2006).

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